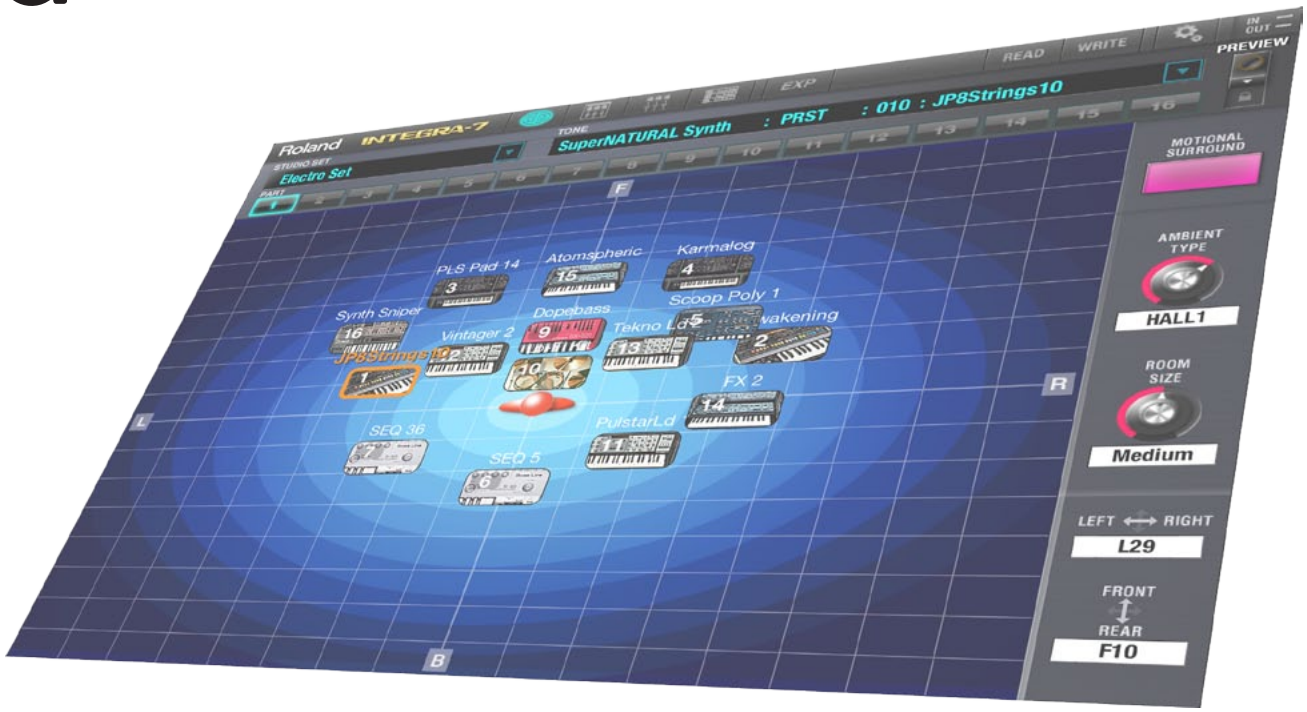
Roland



INTEGRA-7 Editor for iPad Owner's Manual

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What Is INTEGRA-7 Editor for iPad?

"INTEGRA-7 Editor for iPad" is an iPad app that lets you edit the parameters of the Roland INTEGRA-7.

The app lets you edit parameters while benefiting from the superior legibility of the iPad, made possible thanks to its high-resolution display. All you have to do is connect your iPad to the INTEGRA-7, using either USB or a wireless LAN.

Your parameter edits are sent to the INTEGRA-7, and the changes in the parameter settings are reflected on the INTEGRA-7 in real time.

The graphical editing screen allows visual control of the parameters.

"INTEGRA-7 Editor for iPad" lets you do the following:

- Edit parameters such as level, pan, and EQ for each part in the Mixer and Part View screens
- Use MOTIONAL SURROUND to control the spatial position of each part
- Edit the parameters of SuperNATURAL Synth Tones
- Load expansion sounds
- Save StudioSets and SuperNATURAL Synth Tones to the USER bank of the INTEGRA-7

IMPORTANT NOTES

Trademarks

- Roland and SuperNATURAL are either registered trademarks or trademarks of Roland Corporation in the United States and other countries.
- Company names and product names appearing in this document are registered trademarks or trademarks of their respective owners.

Additional Precautions

- Unfortunately, it may be impossible to restore the contents of data that was stored in the iPad once it has been lost. Roland Corporation assumes no liability concerning such loss of data.
- In the interest of product improvement, the specifications and/or contents of this package are subject to change without prior notice.

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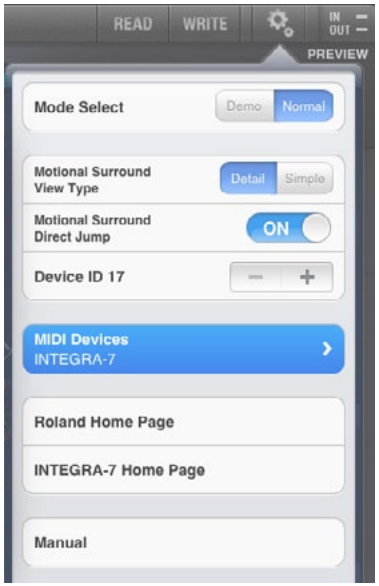
Settings in INTEGRA-7 Editor for iPad

Tap the [ ] button in the upper-right part of the screen in INTEGRA-7 Editor for iPad.

The setup screen will appear.



Parameter	Value	Explanation
Mode Select	Demo	Choose this when you want to try out operation without connecting the INTEGRA-7.
	Normal	The app will work in connection with the INTEGRA-7. In most cases, you'll want to use the app in Normal mode.
Motional Surround View Type	Detail	Shows a graphic for the instrument whose part icon is selected in the MOTIONAL SURROUND screen.
	Simple	Shows a simple indication of the part icons in the MOTIONAL SURROUND screen.
Motional Surround Direct Jump	OFF, ON	If this is on, you can specify the spatial position of the current part simply by touching the spatial position area.
Device ID	17–32	Set this to the same value as the Device ID in **"INTEGRA-7 settings"** Checking the Device ID Note the value shown under **[MENU]** → **"System"** → **"MIDI"** tab → Device ID.
MIDI Device	Selects the MIDI device.	
Manual	Tap this to view the operating manual (this document).	
Version	Shows the version of INTEGRA-7 Editor for iPad that you're using.	

Connecting Via a USB Cable

Required Items

If you're connecting via a USB cable, you'll need the following items.

- INTEGRA-7

- Apple iPad Camera Connection Kit (Camera Connector, made by Apple Inc.)
- USB cable (type-A male – type-B male: commercially available)

Connecting Your Equipment

1. **Connect the Apple iPad Camera Connection Kit (Camera Connector, made by Apple Inc.) to the iPad.**
2. **Use a USB cable (commercially available) to connect the USB connector of the Apple iPad Camera Connection Kit to the INTEGRA-7's USB COMPUTER port.**

Making Connections

INTEGRA-7 settings

1. **Press the [MENU] button.**
2. **Choose "System," and press the [ENTER] button.**
3. **Choose the "SETUP" tab.**
4. **Set the "USB Driver" parameter to "GENERIC (MIDI only)."**
5. **Hold down the [SHIFT] button and press the [EDIT] button to save the system settings.**
6. **Restart the INTEGRA-7.**

MEMO

The saved system settings will take effect when you restart the INTEGRA-7.

Settings in INTEGRA-7 Editor for iPad

1. **In the upper right of the screen, tap the [ ] button.**

   The setup screen (p. 4) will appear.

2. **Set the device ID to the same setting as on the INTEGRA-7. (By default, this will be 17.)**

   Checking the device ID of the INTEGRA-7

   Note the value shown under **[MENU]** → **"System"** → **"MIDI"** tab → Device ID.

3. **Choose the INTEGRA-7 as the MIDI device.**
4. **Tap somewhere other than in the setup screen.**

   The setup screen will disappear.

5. **Press the [READ] button (p. 10).**

   The current parameter settings of the INTEGRA-7 will be read in, and all parameters of INTEGRA-7 Editor for iPad will be updated.

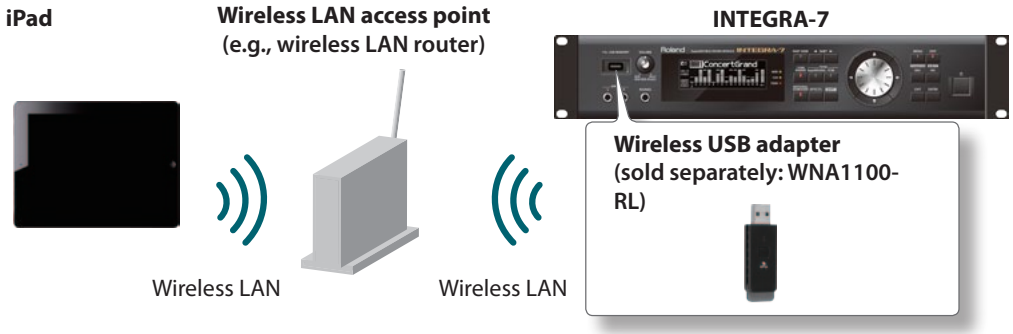
MEMO

When you connect the INTEGRA-7 sound module to INTEGRA-7 Editor for iPad, tap the **[READ]** button first to synchronize the settings.

Connecting Via Wireless LAN

What Is Wireless LAN Function?

By inserting the wireless USB adapter (WNA1100-RL; sold separately) into the INTEGRA-7's USB MEMORY port, you'll be able to use this app via wireless LAN.



What you'll need in order to use the wireless LAN function

- ❑ Electronic musical instrument (Roland INTEGRA-7)
- ❑ Wireless USB adapter (Roland WNA1100-RL)
- ❑ A wireless LAN access point (such as a wireless LAN router) that supports WPS

Settings for Your Instrument

For details on making settings for your instrument, refer to the Roland website (**http://www.roland.com/manuals/**) → model name (**INTEGRA-7**) → **"About the Wireless LAN Function."**

Making Connections

1. **Make wireless settings on the INTEGRA-7.**

   For details, refer to the Roland website (http://www.roland.com/manuals/) → product name (INTEGRA-7) → **"About the Wireless LAN Function."**

2. **In the WiFi section of the iPad setup screen, turn the WiFi switch ON.**

3. **In the "Choose a network" field, select the name of the router you're using.**

   If you want to connect in Ad-Hoc mode, choose INTEGRA-7_(WirelessID) and enter Ad-Hoc Key as the password.

4. **Start up INTEGRA-7 Editor for iPad.**

5. **In the upper right of the screen, tap the [ ] button.**

   The setup screen (p. 4) will appear.

6. **As the MIDI device, choose INTEGRA-7_(WirelessID).**

   If your INTEGRA-7's Wireless ID is still in the default state, it will be shown as INTEGRA-7.

7. **Tap somewhere other than in the setup screen.**

   The setup screen will disappear.

8. **Press the [READ] button (p. 10).**

   The current parameter settings of the INTEGRA-7 will be read in, and all parameters of INTEGRA-7 Editor for iPad will be updated.

MEMO

When you connect the INTEGRA-7 sound module to INTEGRA-7 Editor for iPad, tap the **[READ]** button first to synchronize the settings.

If INTEGRA-7_(WirelessID) Is Not Shown as a MIDI Device, Check the Following Points.

Points to check	Reference
Is the instrument powered-on?	
Is the wireless USB adapter (WNA1100-RL) connected to the instrument?	
Are you using an instrument that supports wireless LAN functionality?	For details on models that support wireless LAN functionality, refer to **http://roland.jp/link/RWC/e/** .
Is the instrument connected to the wireless LAN?	For details on making settings for your instrument, refer to the Roland website (**http://www.roland.com/manuals/**) → model name (**INTEGRA-7**) → **"About the Wireless LAN Function."**
Are the instrument and the iPad connected to the same network (the same wireless LAN access point)?	
Is the wireless LAN access point set to allow communication between wireless LAN devices?	Refer to the owner's manual of your wireless LAN access point for details on settings.

About the Screen

INTEGRA-7 Editor for iPad consists of the following four screens.

Studio Set Mixer screen (p. 11)

Part View screen (p. 12)

Roland INTEGRA-7
Electro Set
SuperNATURAL Synth : PRST : 010 : JP8Strings10
01 SN-S PRST Synth Pad/Strings 010 : JP8Strings10 100 L25 25 65 1
02 SN-S PRST Synth Pad/Strings 091 : Awakening 100 35R 65 65 2
03 SN-S PRST Pulsating 210 : PLS Pad 14 90 0 70 50 3
04 SN-S PRST Pulsating 227 : Karmalog 100 0 60 50 4
05 SN-S PRST Synth PolyKey 421 : Scoop Poly 1 100 20R 60 40 5
06 SN-S PRST Synth Seq/Pop 551 : SEQ 5 100 0 40 60 6
07 SN-S PRST Synth Seq/Pop 582 : SEQ 36 100 0 20 60 7
08 SN-S PRST Synth Bass 597 : MG Bs 1 100 0 10 5 8
09 SN-S PRST Synth Bass 639 : Dopebass 100 0 0 5 9
10 SN-D PRST Drums 020 : Lo-Fi Kit 100 0 0 9 10
11 SN-S PRST Synth Lead 871 : PulstarLd 1 70 10R 65 55 11
12 SN-S PRST Synth Lead 932 : Vintager 2 90 L10 30 40 12
13 SN-S PRST Synth Lead 1008 : Tekno Ld 2 100 0 65 40 13
14 SN-S PRST FX 1050 : FX 2 70 30R 50 60 14
15 SN-S PRST FX 1078 : Atomspheric 115 0 40 90 15
16 SN-S PRST Synth Bellpad 508 : Synth Sniper 85 L30 90 60 16

MOTIONAL SURROUND screen (p. 13)

SuperNATURAL Synth Tone Edit screen (p. 14)

How the Screens Are Organized

Access buttons for each screen

Press these buttons to access the corresponding screen.

Button	Screen	
	Studio Set Mixer	page **11**
	Part View	page **12**
	MOTIONAL SURROUND	page **13**
	SuperNATURAL Synth Tone Edit	page **14**

Loading sound data into EXPANSION virtual slots

Drag a sound data graphic from EXPANSION SOUNDS into the EXPANSION virtual slot, and then tap the **[LOAD]** button.

[LOAD] button

[READ] button

When you tap this button, the current settings for the INTEGRA-7's parameters will be read in, updating all parameters within INTEGRA-7 Editor for iPad.

When you connect the INTEGRA-7 sound module to INTEGRA-7 Editor for iPad, tap the **[READ]** button first to synchronize the settings.

[WRITE] button

Press this button to access a screen that lets you save the settings of INTEGRA-7 Editor for iPad as an INTEGRA-7 Studio Set or Tone.

STUDIO SET

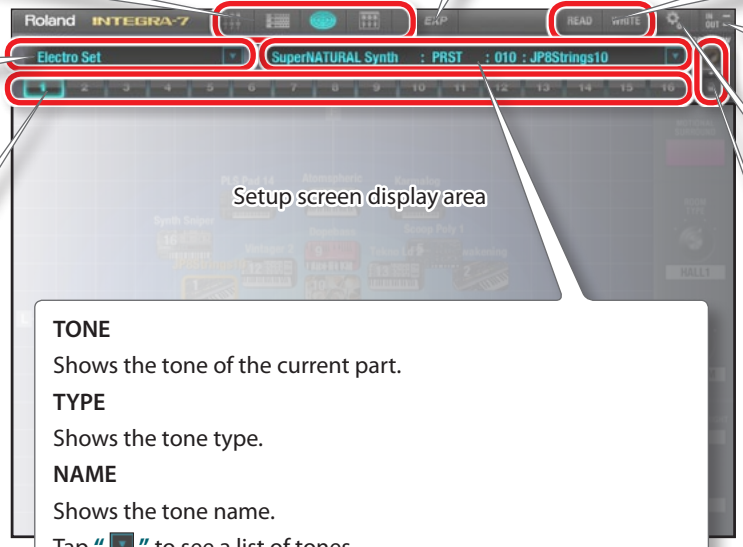
Shows the studio set name.

Tap " ▼ " to see a list of studio sets.

[PART] buttons

These buttons switch the current part (the part that's selected).

When you tap a part number, its frame will turn orange and it will become the current part.



TONE

Shows the tone of the current part.

TYPE

Shows the tone type.

NAME

Shows the tone name.

Tap " ▼ " to see a list of tones.

MIDI indicator

This will light when MIDI messages are being transmitted or received.

[Setup] button

Accesses the setup screen of INTEGRA-7 Editor for iPad.

[PREVIEW] switch

If you move this switch downward, the switch will be held and the preview will continue playing.

About READ and WRITE

READ

This updates all parameters within INTEGRA-7 Editor for iPad by reading in the current parameter settings from the INTEGRA-7 sound module.

If you've edited parameters by operating the INTEGRA-7 itself (rather than INTEGRA-7 Editor for iPad), differences will arise in the parameter settings of the two systems; in this case, you must tap the **[READ]** button to reconcile the differences.

After connecting the INTEGRA-7 and INTEGRA-7 Editor for iPad, tap the **[READ]** button to synchronize the two systems before you proceed.

WRITE

This saves the Studio Set parameters or Tone parameters into the USER bank of the INTEGRA-7 sound module.

The Studio Set parameters include all the editable parameters of the MOTIONAL SURROUND, StudioSet Mixer, and Part View screens.

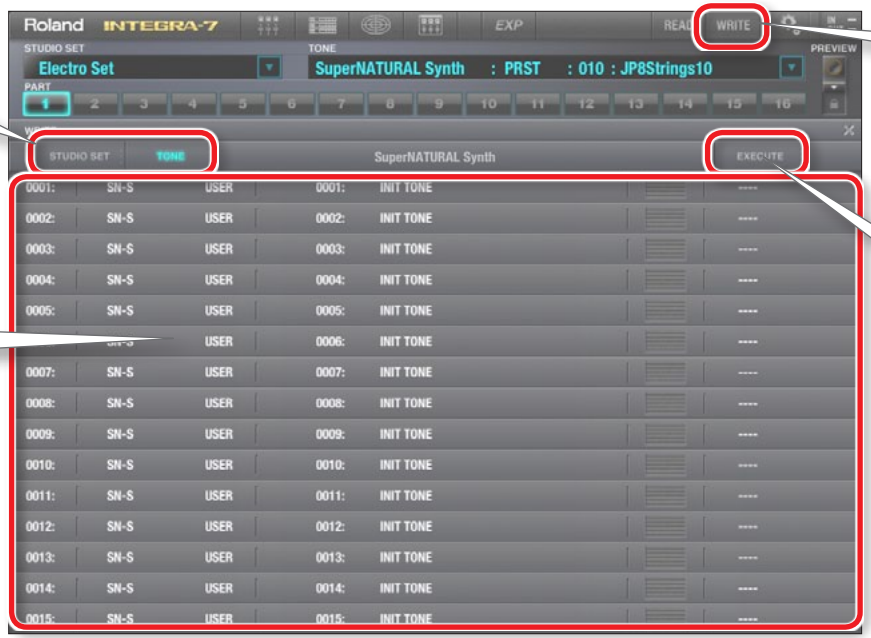
The Tone parameters are only those of SuperNATURAL Synth Tones.

When you tap the **[WRITE]** button, the following screen will appear.

1. **Tap the [STUDIO SET] button or the [TONE] button to specify the data that you want to save.**
2. **In the save-destination list, tap the desired save destination to select it.**
3. **Tap the [EXECUTE] button.**

[STUDIO SET] button, [TONE] button
Select what you wish to save.

Save-destination list
Select the save destination in the list.
The list shows the tone's type, bank, number, name, and category.


Roland INTEGRA-7
EXP
READ
WRITE
STUDIO SET
Electro Set
TONE
SuperNATURAL Synth : PRST : 010 : JP8Strings10
PREVIEW
PART
STUDIO SET
TONE
SuperNATURAL Synth
EXECUTE
0001: SN-S USER 0001: INIT TONE
0002: SN-S USER 0002: INIT TONE
0003: SN-S USER 0003: INIT TONE
0004: SN-S USER 0004: INIT TONE
0005: SN-S USER 0005: INIT TONE
0006: SN-S USER 0006: INIT TONE
0007: SN-S USER 0007: INIT TONE
0008: SN-S USER 0008: INIT TONE
0009: SN-S USER 0009: INIT TONE
0010: SN-S USER 0010: INIT TONE
0011: SN-S USER 0011: INIT TONE
0012: SN-S USER 0012: INIT TONE
0013: SN-S USER 0013: INIT TONE
0014: SN-S USER 0014: INIT TONE
0015: SN-S USER 0015: INIT TONE

[WRITE] button
Accesses the Write screen.

[EXECUTE] button
Saves the data.

Studio Set Mixer

Here you can edit each part's volume, pan, equalizer, and mute settings, as well as the overall volume and equalizer settings.

Part numbers of the studio set

By flicking the screen to left or right you can switch the parts that are shown.

[PAN] knob

Specifies the left/right position of each part's sound.

[MUTE] switch

Turn this on if you don't want a part to be heard.

MUTE Switch	Explanation
	Mute is on (The part's sound will not be heard.)
	Mute is off (The part's sound will be heard.)

Level slider

Adjusts the volume of each part.

MASTER LEVEL

Adjusts the volume and equalizer settings of the entire INTEGRA-7.

Sound name

Shows the name of each part's sound.

[EQ] button

This accesses the 3-band equalizer screen.

Equalizer settings can be edited individually for each part.

Part View

Here you can view or edit each part's sound name, volume, pan, effect, MIDI channel, and mute settings.

Tone information

Item	Explanation
PART	Indicates the part number.
TYPE	Indicates the type of tone.
BANK	Indicates the tone bank.
CATEGORY	Indicates the tone category.

Part parameters

You can edit the following parameters by dragging the corresponding item in the screen.

Parameter	Explanation
LEVEL	Specifies the part's volume.
PAN	Localizes the part's sound.
CHORUS	Specifies the chorus send level.
REVERB	Specifies the reverb send level.
CH	Specifies the MIDI channel.

Parameter	Explanation
MUTE	Switches mute on/off each time you touch this.

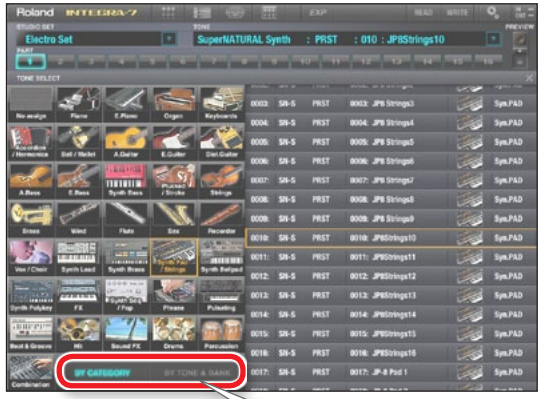
Part parameter

Parameter	Explanation
TONE	Touch a tone name in the screen to access the tone select screen.

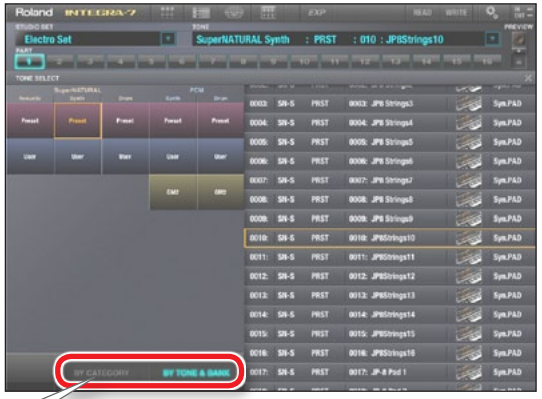
Tone Select screen

You can view the tone list by category or by bank. Use the **[BY CATEGORY]** button and **[BY TONE & BANK]** button to switch between views.

Tone list shown by category



Tone list shown by bank



Button	Explanation
[BY CATEGORY]	Shows the tone list organized by category. When you select a category icon in the left side of the screen, the right side will show a list of tones in the selected category.
[BY TONE & BANK]	Shows the tone list organized by bank. When you select a bank icon in the left side of the screen, the right side will show a list of tones in the selected bank.

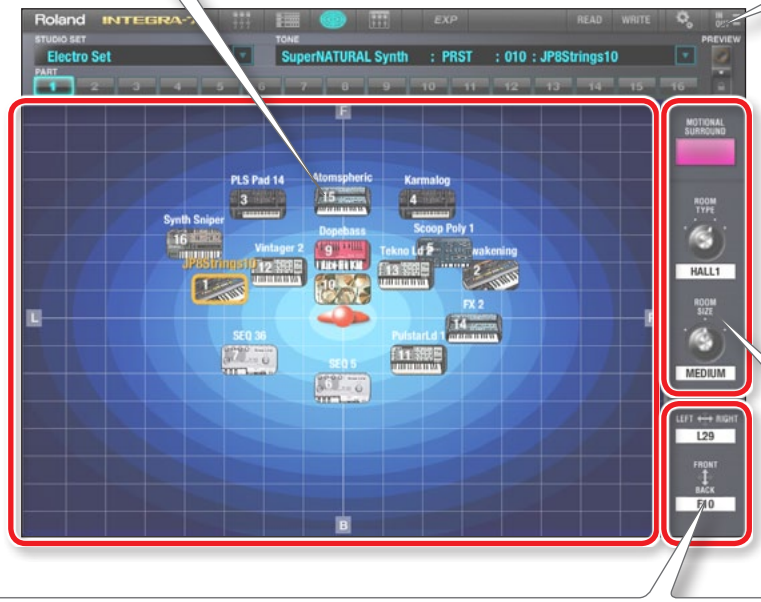
Tap a tone name in the tone list to select it, and then tap the **[Close]** button to close the Tone Select screen.

MOTIONAL SURROUND

The MOTIONAL SURROUND screen is organized as follows.

Sound position

Drag each part's icon to change the spatial position of the sound.



LEFT<>RIGHT

Specifies the left/right position of the sound in terms of a numerical value.
L64 (left)–0 (center)–63R (right)

FRONT<>BACK

Specifies the front/back position of the sound in terms of a numerical value.
F63 (front)–0 (center)–64B (back)

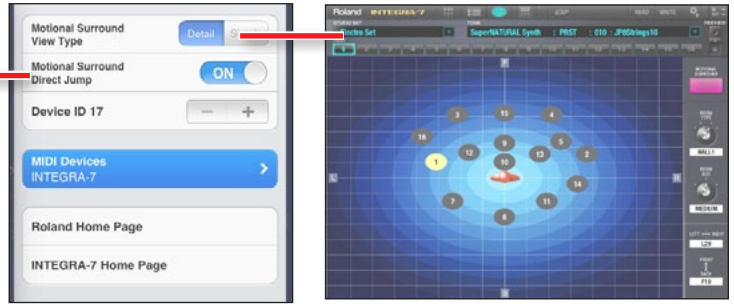
Setup button

Accesses the setup screen of INTEGRA-7 Editor for iPad (p. 4)

Direct jump

If this function is turned on, you can specify the spatial position of the current part simply by touching the sound position area.

Simply display



MOTIONAL SURROUND Switch

Turns MOTIONAL SURROUND on/off.

AMBIENT TYPE

Selects the type of ambience.

Type	Explanation
ROOM 1, 2	Reverberation typically heard when performing in a room.
HALL 1, 2	Reverberation typically heard when performing in a concert hall.

ROOM SIZE

Specifies the size of the room whose ambience is being simulated.

Type	Explanation
LARGE	Large room
MEDIUM	Between the large and small rooms
SMALL	Small room

SuperNATURAL Synth Tone Edit

The SuperNATURAL Synth Tone Edit screen is organized as follows.

Partial SW

Turn each partial on/off.

Button	Explanation
	This partial is on.
	This partial is off.

Partial SELECT

Select the partial that you want to edit.

Button	Explanation
	This partial is being edited.
	This partial is not being edited.

Setup button

Displays INTEGRA-7 Editor for iPad's setup screen (p. 4).

Parameters

Here you can edit the Synth Tone parameters (p. 15).

CATEGORY

This shows the category of the tone.

Common

Here you can switch among parameters to be edited, and make settings for parameters that are common to the entire Synth Tone.

Parameter name and value

This shows the name and value of the most recently edited parameter.

Parameter select tabs

Use these to switch between types of parameter that you want to edit.

COMMON parameters

These parameters are common within the layer that you're editing.

* The explanations in this manual include illustrations that depict what should typically be shown by the display.
Note, however, that your unit may incorporate a newer, enhanced version of the system (e.g., includes newer sounds), so what you actually see in the display may not always match what appears in the manual.

Parameters

Here you can edit the Synth Tone parameters. The screen that's shown will depend on the parameter select tab you've chosen.

OSC/FILTER/AMP

This will appear if the parameter select tab is set to **"OSC/FILTER/AMP"** (p. 14).

OSC (Oscillator)

The oscillator generates the waveform that forms the basis of the sound.
Here you can select a waveform and also specify its pitch.
Each tone has one oscillator. You can use them individually, or use three in combination to create thick or complex sounds.

FILTER (Filter)

The filter parameters modify the tone quality of the sound. You can vary the tone quality by editing the filter parameters.
The filter types include a low-pass filter (LPF), which passes only the region of sound that's below the specified frequency (cutoff frequency), and a high-pass filter (HPF), which passes only the region that's above the specified frequency.

AMP (Amp)

The amp parameters control the volume. Raising these values will increase the volume.

LFO

This will appear if the parameter select tab is set to **"LFO"** (p. 14).

LFO

LFO stands for Low Frequency Oscillator, an oscillator that operates at a very slow rate. It can produce various waveforms, including sine, triangle, square, and sawtooth waves.
By using the LFO to modulate audio signals, you can add effects such as vibrato or tremolo.

MODULATION LFO

These parameters specify how the LFO is to be applied when you move the pitch bend/modulation lever. Make settings in the same way as for the LFO.

Editing a INTEGRA-7 Synth Tone

Here's how to read the settings of a Synth Tone from the INTEGRA-7 into INTEGRA-7 Editor for iPad, and edit those settings.

1. Tap the [READ] button.

The Synth Tone parameters will be sent from the INTEGRA-7 to INTEGRA-7 Editor for iPad. The current Synth Tone parameter settings of the INTEGRA-7 will appear in INTEGRA-7 Editor for iPad.

MEMO

If you've operated the INTEGRA-7 itself, tap the **[READ]** button. The current state of the INTEGRA-7 will be read into INTEGRA-7 Editor for iPad.

2. Edit the parameters.

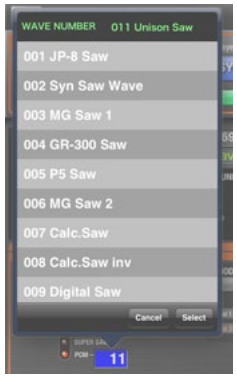
The edited parameters will be sent to the INTEGRA-7. Parameter settings are reflected on the INTEGRA-7 in real time.

Buttons and switches

Tap a button or switch to change its setting.

PCM number

If tapped when PCM has been selected for WAVE, the WAVE NUMBER popup will appear.



[READ] button

Knobs and sliders

Drag a knob or slider up/down to change its value.

MEMO

- Make fine adjustments to the value by dragging to left or right.
- You can reset the value to its initial state by rapidly tapping three times.

MEMO

- Parameter editing supports the **"multi-touch"** capability of the iPad. You can edit multiple parameters simultaneously.
- For details on the tone parameters, refer to the PDF manual **"INTEGRA-7 Parameter Guide."** The PDF manual can be downloaded from the Roland website **"Support Information."**

Roland website "Support Information"

http://www.roland.com/support/

Saving the Synth Tone

A Synth Tone you edit is temporary; it will be lost if you turn off the power or select another tone. If you want to keep a Synth Tone you've edited, save it to the INTEGRA-7's USER bank.

1. **Tap the [WRITE] button.**

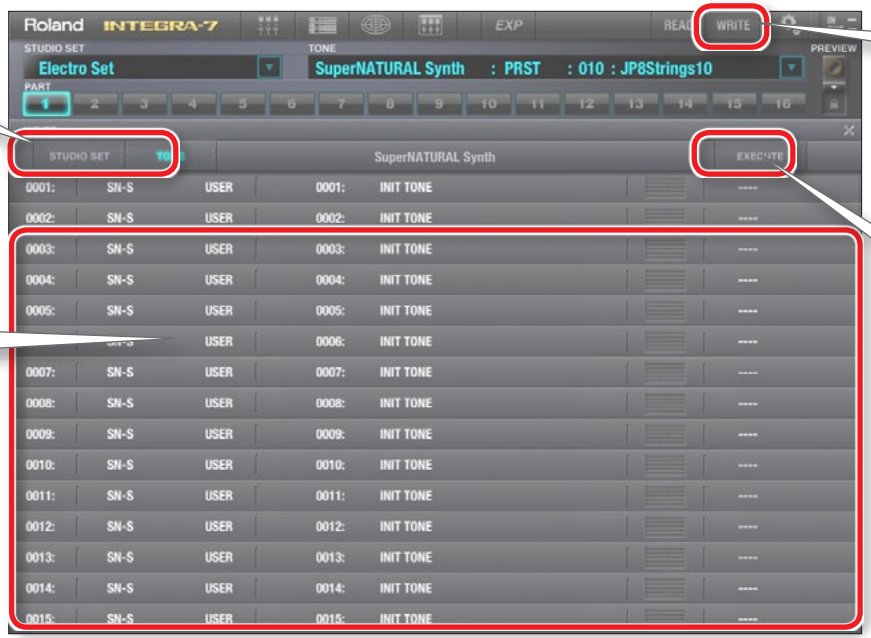
   The Write screen will appear.

2. **Select the save destination, and tap the [EXECUTE] button.**

   If you decide to cancel without saving, tap the **[x]** button to close the Write screen.

[STUDIO SET] button, [TONE] button
Select what you wish to save.

Save-destination list
Select the save destination in the list.
The list shows the tone's type, bank, number, name, and category.


Roland INTEGRA-7
EXP
WRITE
STUDIO SET
Electro Set
TONE
SuperNATURAL Synth : PRST : 010 : JP8Strings10
PREVIEW
PART
SuperNATURAL Synth
EXECUTE
0001: SN-S USER 0001: INIT TONE
0002: SN-S USER 0002: INIT TONE
0003: SN-S USER 0003: INIT TONE
0004: SN-S USER 0004: INIT TONE
0005: SN-S USER 0005: INIT TONE
0006: INIT TONE
0007: SN-S USER 0007: INIT TONE
0008: SN-S USER 0008: INIT TONE
0009: SN-S USER 0009: INIT TONE
0010: SN-S USER 0010: INIT TONE
0011: SN-S USER 0011: INIT TONE
0012: SN-S USER 0012: INIT TONE
0013: SN-S USER 0013: INIT TONE
0014: SN-S USER 0014: INIT TONE
0015: SN-S USER 0015: INIT TONE

[WRITE] button
Accesses the Write screen.

[EXECUTE] button
Saves the data.